10/5/9228

Express Mail #EV815067969US

Attorney Docket # 5367-239PUS

Patent

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re National Phase PCT Application of

Tony ALBRECHT et al.

Int'l PCT Serial No.: PCT/DE2004/002477

Int'l Filing Date::

November 9, 2004

For:

VCSEL Pumped in a Monolithically

Optical Manner and Comprising a Laterally Applied Edge Emitter

## **INFORMATION DISCLOSURE STATEMENT**

Mail Stop PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

SIR:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO SB/08A.

In accordance with 37 C.F.R §§1.97(g) and (h), the filing of this Information Disclosure Statement should not be construed as a representation that a search has been made or that information cited is, or is considered to be, material to patentability as defined in §1.56(b), or that any cited document listed or attached is (or constitutes) prior art. Unless otherwise indicated, the date of publication indicated for an item is taken from the face of the item and Applicant(s) reserve(s) the right to prove that the date of publication is in fact different.

10/5/9528

# IAPZOREGUEGIETO 15 MAY 2006

Submitted herewith is a copy of the International Search Report issued in connection with International Application on which the present U.S. National Phase application is based.

Copies of the references cited in the International Search Report have been supplied by WIPO to the USPTO. Therefore, copies of the cited references in the International Search Report are not being provided herewith in accordance with current U.S. practice because they should be on file already at the USPTO.

It is respectfully requested that the Examiner return an initialed copy of the attached Form PTO SB/08A to confirm that the publications supplied by WIPO and listed therein have been considered and made of record.

> Respectfully submitted, COHEN, PONTANI, LIEBERMAN & PAVANE

By

Thomas Langer

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Dated: May 15, 2006

Approved for use through 04/30/2003. OMB 0531-0031

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Substitute for	Substitute for Form 1449/PTO			Complete if Known		
				Application Number	10/570528	
INFORMATION DISCLOSURE				Filing Date	20,30,30	
	STATEMENT BY APPLICANT			First Named Inventor	Tony ALBRECHT	
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	(000 00	,	,	Examiner Name		
Sheet	l	of	1	Attorney Docket	5367-239PUS	
				Number		

	U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. 1	Document Number  Number-Kind-Code <sup>2 (if known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
		US-2003/007538 A1	01/09/2003	Jiang et al.			
-		US-2002/075929 A1	06/20/2002	Cunningham			
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Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines,	Т6
Initials*	No. <sup>1</sup>	Country Code <sup>3</sup> Number <sup>4</sup> Kind-Code <sup>5</sup> (if known	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	•
		JP 2003 283051 A	10/03/2003	Toshiba Corp.		
		DE 101 29 616 A1	01/09/2003	Infineon Technologies		
		DE 102 14 120 A1	10/23/2003	Osram Opto		
				Semiconductors GmbH		
		WO 03/094311 A	11/13/2003	Osram Opto		
				Semiconductors GmbH		

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Examiner Signature		Date Considered	

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). 'See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 'Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the indication of the year of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 'Applicant is to place a check mark here if English language Translation is attached.



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Check box if applicable:

DUPLICATE

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USP 6,954,479 B2 corresponds to WO 01/93386 A1.

The references submitted herewith have been discussed on pages 1 and 2 of the instant specification.

20/579528 Oregangle 15 May 2006

It is respectfully requested that the above information be considered by the Examiner and that the copy of the enclosed Form PTO/SB/08a be returned indicating that such information has been considered.

In accordance with 37 C.F.R §§1.97(g) and (h), the filing of this Information Disclosure Statement should not be construed as a representation that a search has been made or that information cited is, or is considered to be, material to patentability as defined in §1.56(b), or that any cited document listed or attached is (or constitutes) prior art. Unless otherwise indicated, the date of publication indicated for an item is taken from the face of the item and Applicant(s) reserve(s) the right to prove that the date of publication is in fact different.

If any fees or charges are deemed required at this time in connection with the application, the same may be charged to our Patent and Trademark Office Deposit Account No. 03-2412.

Respectfully submitted, COHEN, PONTANI, LIEBERMAN & PAVANE

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Complete if Known Substitute for Form 1449/PTO Application Number Filing Date INFORMATION DISCLOSURE Tony ALBRECHT First Named Inventor STATEMENT BY APPLICANT Art Unit (Use as many sheets as necessary) Examiner Name of 2 Attorney Docket Number 5367-239PUS Sheet

			J.S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Number-Kind-Code <sup>2 (if known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-6,954,479 B2	10/11/2005	Albrecht et al.	
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FOREIGN PATENT DOCUMENTS						
Examiner	Cite	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or	Τ°
Initials*	No. 1	Country Code <sup>3-</sup> Number <sup>4-</sup> Kind-Code <sup>5</sup> (if known	MM-DD-1111	Applicant of Cited Document	Relevant Figures Appear	
		WO 01/93386 A1	12/06/2001	Albrecht et al.		

I	Examiner Signature	 Date Considered	

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). 'See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 'Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 'Applicant is to place a check mark here if English language Translation is attached.

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AP20 Repair 10 15 MAY 2006

Substitute for Form 1449/PTO	Complete if Known		
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INTEGRALATION DISCLOSURE	Filing Date	#U1 31 1 7 L U	
INFORMATION DISCLOSURE	First Named Inventor	Tony ALBRECHT	
STATEMENT BY APPLICANT	Art Unit		
(Use as many sheets as necessary)	Examiner Name		
Sheet 2 of 2	Attorney Docket Number	5367-239PUS	

	NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²			
		Michael D. Gerhold, et al., "Novel Design of a Hybrid-Cavity Surface				
		Emitting Laser", IEEE Journal of Quantum Electronics, Vol., 34, No. 3, pp.				
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